

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 April 2005 (07.04.2005)

PCT

(10) International Publication Number
WO 2005/032221 A3

(51) International Patent Classification⁷: **H05K 13/02,**
13/04

im Tal (DE). SCHMELCHER, Halko [DE/DE]; Linden-
str. 36, 74427 Fichtenberg (DE).

(21) International Application Number:
PCT/EP2004/052116

(74) Agents: **COCKAYNE, Gillian** et al.; Marconi Intellec-
tual Property, Crompton Close, Basildon Essex SS14 3BA
(GB).

(22) International Filing Date:
9 September 2004 (09.09.2004)

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
103 44 409.2 25 September 2003 (25.09.2003) DE

(71) Applicant (*for all designated States except US*): **MAR-
CONI COMMUNICATIONS GMBH** [DE/DE]; Gerber-
strasse 33, 71520 Backnang (DE).

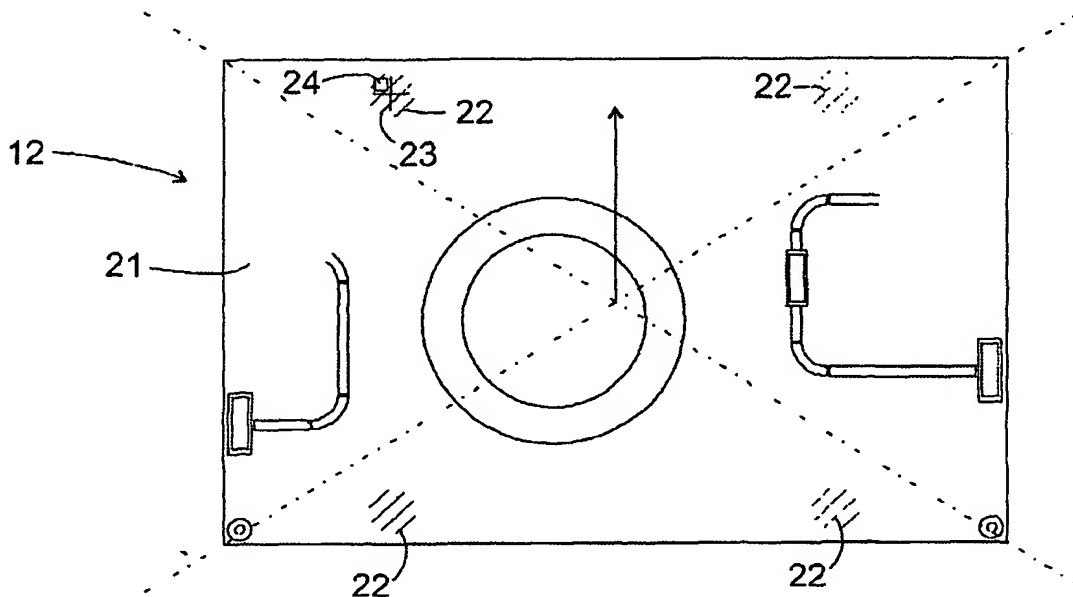
(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **KONRATH,**
Willibald [DE/DE]; Eichendorffweg 17, 71544 Weissach

[Continued on next page]

(54) Title: METHOD FOR MANUFACTURING A HIGH-FREQUENCY ASSEMBLY



(57) Abstract: In the manufacture of a high-frequency assembly, a plurality of components, at least one (12) of which is frequency-specific, are placed with respect to each other using a placing apparatus and are interconnected. In a specimen of the frequency-specific component (12, 30) a feature (23, 24) which encodes the frequency is looked for. The specimen is built in if the feature (23, 24; 26) is found in the specimen and is judged to be correct; otherwise the specimen is rejected.

Best Available Copy

WO 2005/032221 A3



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
18 August 2005

Best Available Copy